

ABSTRACT

A furnace 10 according to the present invention includes a heating unit 1 and a furnace body 2 that can degrease an article 5, containing an organic substance, to be degreased by heating the article 5 with the heating unit 1. The furnace body 2 includes an outlet 21 and an inlet 22. The heating unit 1 includes a first heater 11 and a second heater 12. The furnace further includes a treatment gas-introducing unit 3 for introducing a treatment gas 7 treated with the second heater 12 into the furnace body 2 from the second heater 12 through the inlet 22. The treatment gas 7 is introduced into an internal section 20 of the furnace body from the inlet 22 in such a manner that the treatment gas 7 is circulated through the internal section 20 of the furnace body, the outlet 21, the treatment gas-introducing unit 3, and the inlet 22, whereby the concentration of the gaseous organic decomposition products in the internal section 20 of the furnace body is reduced such that explosion is prevented.